

WHAT IS CLAIMED IS

1. A socket for an electrical part comprising:
 - a socket body; and
 - a contact pin which is provided for the socket body and through which an electrical part having a terminal and a printed circuit board are electrically connected,
said socket body having a lower plate to be mounted to the printed circuit board and an upper plate which is disposed above the lower plate and on which the electrical part is to be mounted, wherein said upper plate has a seating portion on which the electrical part is placed in a contacting manner and said upper plate is exchangeable with one having a seating portion of different height.
2. A socket for an electrical part according to claim 1, wherein said contact pin is provided with a contact portion having a shape which is changed in accordance with a shape of the terminal of the electrical part.
3. A socket for an electrical part according to claim 1, wherein said contact pin comprises a first plunger electrically connected to the terminal of the electrical part, a second plunger electrically connected to the printed circuit board, a tubular member disposed between the first and second plungers and an elastic member disposed

2007 RELEASE UNDER E.O. 14176

therebetween, said tubular member having one end abutting against one of the first and second plungers and another end slidably contacting another one of the first and second plungers, said elastic member having an urging force for urging the first and second plungers in directions apart from each other, and said first plunger having a contact portion having a shape which is changed in accordance with a shape of the terminal of the electrical part.

4. A socket for an electrical part according to claim 3, wherein said contact portion has a mount shape to which a terminal having a land shape contacts.

5. A socket for an electrical part according to claim 3, wherein said contact portion has a V-shaped groove to which a terminal having solder ball shape contacts.

6. A socket for an electrical part according to claim 3, wherein said contact portion has a plural mount-shape to which a terminal having a pin shape contacts.

7. A socket for an electrical part according to claim 3, wherein said elastic member is a coil spring disposed inside the tubular member.

8. A socket for an electrical part according to claim 1,

wherein said lower plate and said upper plate are formed with a plurality of lower side through holes and a plurality of upper side through holes, respectively, into which the contact pins are inserted, said lower side through holes being formed in an arrangement range wider than that of the upper side through holes.

9. A socket for an electrical part according to claim 8, wherein said upper plate is provided with an upper plate body to which said plurality of upper side through holes are formed and on which the electrical part is mounted and a guide portion for guiding a peripheral edge portion of the electrical part.

10. A socket for an electrical part according to claim 9, wherein said guide portion is formed to be detachable from the upper plate body.